



Indiana State Department of Health

WEEKLY INFLUENZA REPORT

Report Date: Friday, January 2nd, 2015

The following report is meant to provide local health departments, hospital administrators, health professionals and residents with a general understanding of the burden of influenza-like illness (ILI). Data from several surveillance programs were utilized to produce this report and all information is provisional. ***Data may change as information is received, reviewed and verified. The purpose of this report is to report in a timely manner what is occurring or has recently occurred.*** For further information about the data presented in this report, please call the ISDH Surveillance and Investigation Division at 317-233-7125.

Data Summary for Week Ending December 27, 2014 (Week 52)	
Percent of ILI reported by emergency department surveillance system	5.46%
Percent of ILI reported by sentinel surveillance system	8.19%
Number of specimens submitted for influenza testing at ISDH Laboratory	46
Percent of positive influenza specimens tested at ISDH Laboratory	86.96%
Number of influenza-associated deaths reported for 2014-2015 season	36
Number of Indiana schools (K-12) with absenteeism rate 20% or higher	0

Sentinel reported influenza-like illness by sentinel type and reporting week with number of reporting sites – Indiana, 2014-2015 season.*

Reporting Week	All Reporters %ILI (n)	Universities %ILI (n)	Non-Universities %ILI (n)
Week 52	8.19 (26)	10.53 (6)	8.18 (20)
Week 51	7.51 (30)	7.44 (8)	7.53 (22)
Week 50	5.58 (37)	5.29 (13)	5.69 (24)

****Data obtained from the ISDH Sentinel Influenza Surveillance System. This data is subject to change as sentinel sites can back-date their weekly reports.***

**Sentinel reported influenza-like illness (ILI) by age category for Week 52 –
Indiana, 2014-2015.**

Age category (yrs)	Total number with ILI	Percent with ILI
0–4	93	25.07
5 –24	144	38.81
25–49	78	21.02
50–64	33	8.89
65+	23	6.20
Total	371	100%

**Data obtained from the ISDH Sentinel Influenza Surveillance System.*

**Sentinel data has limited timeliness, so the data reported is for the week before the most current week. This data is subject to change as sentinel sites can back-date their weekly reports.*

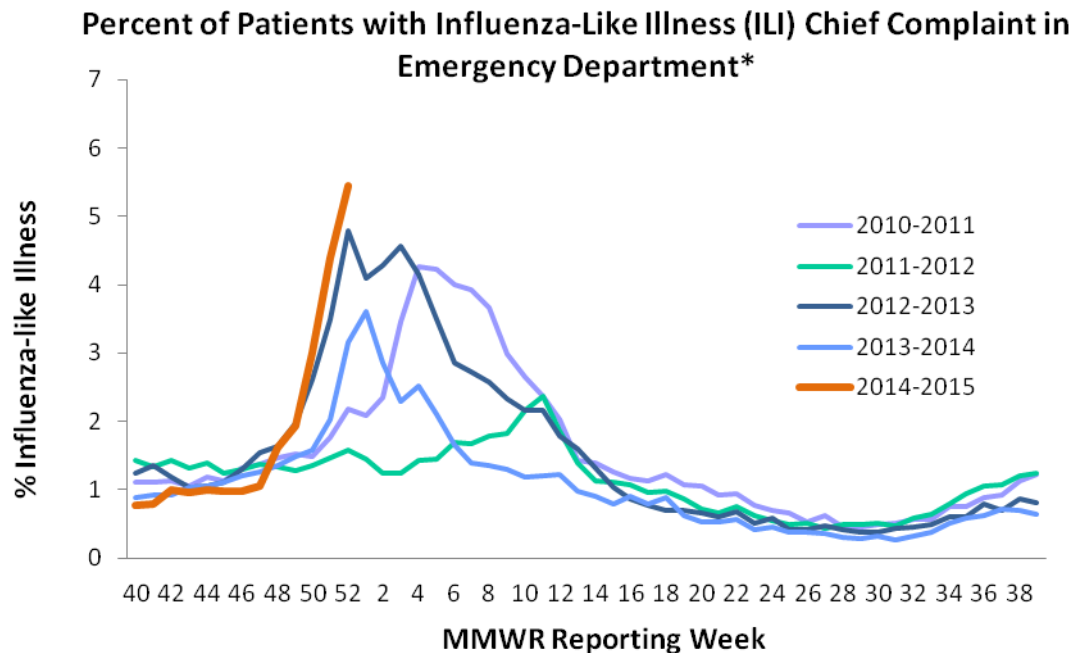
**Number of 2014-2015 reported deaths* associated with laboratory
confirmed influenza, by age category – Indiana, 2014-2015**

Age category (yrs)	Data since last report	Season Total
0-4	0	0
5-18	0	0
19-24	0	0
25-49	0	0
50-64	2	2
65+	29	34
Unknown	0	0
Total	31	36

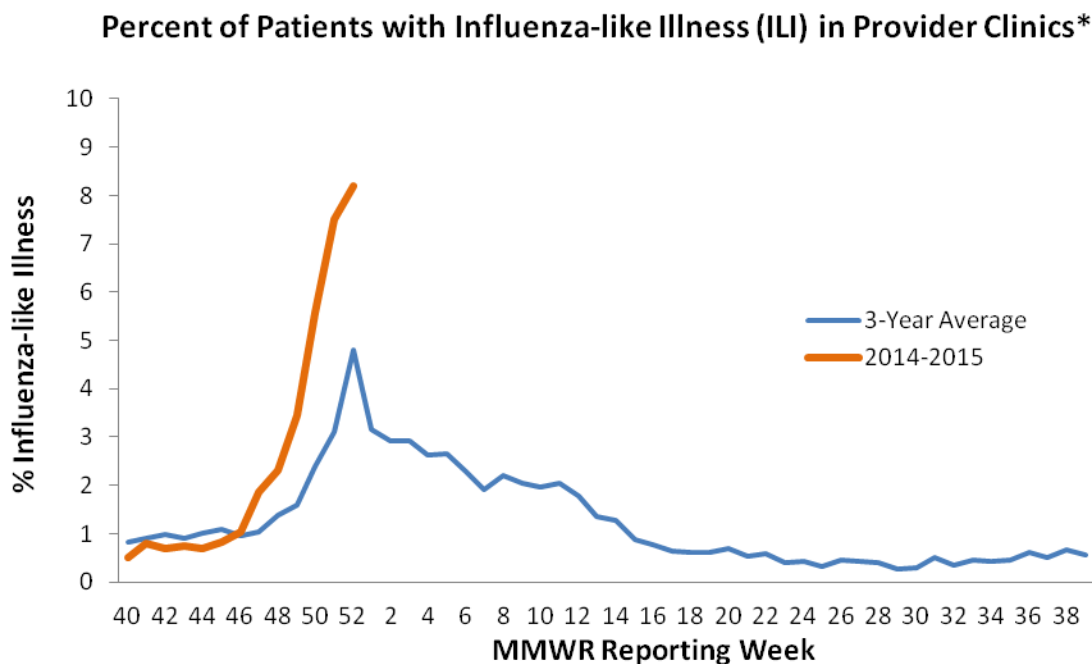
**The number of influenza-associated deaths that have been reported to ISDH since the time of the previous weekly report date.*

Sentinel and ED influenza-like illness percentages by reporting week – Indiana, 2014-2015.

Reporting Week	ED Surveillance %ILI	Sentinel Surveillance %ILI
Week 52	5.46	8.19
Week 51	4.40	7.51
Week 50	3.00	5.58

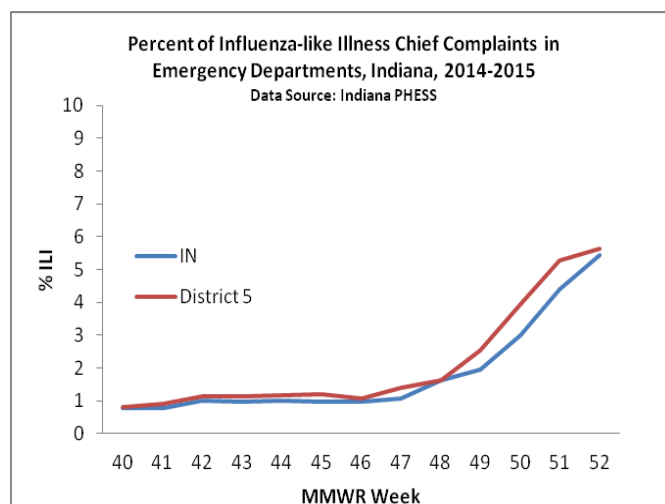
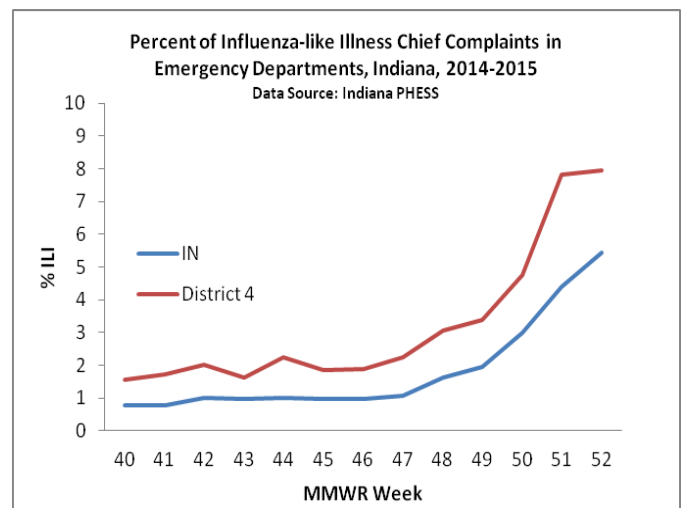
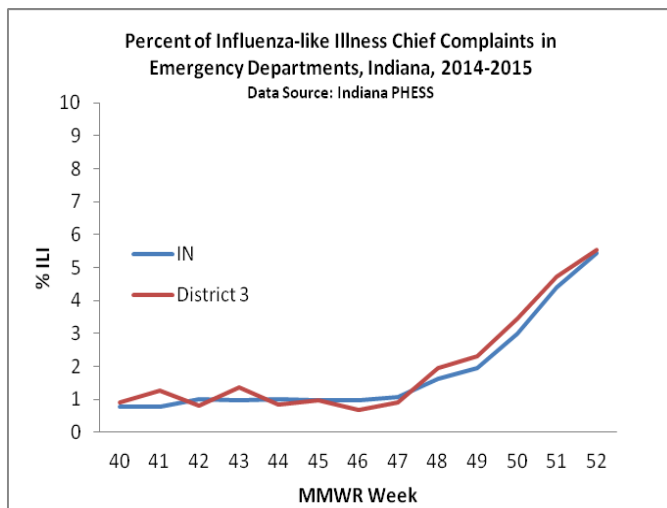
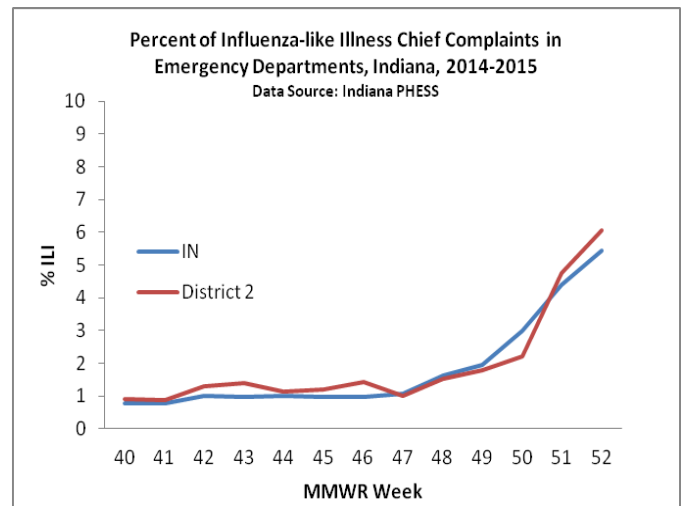
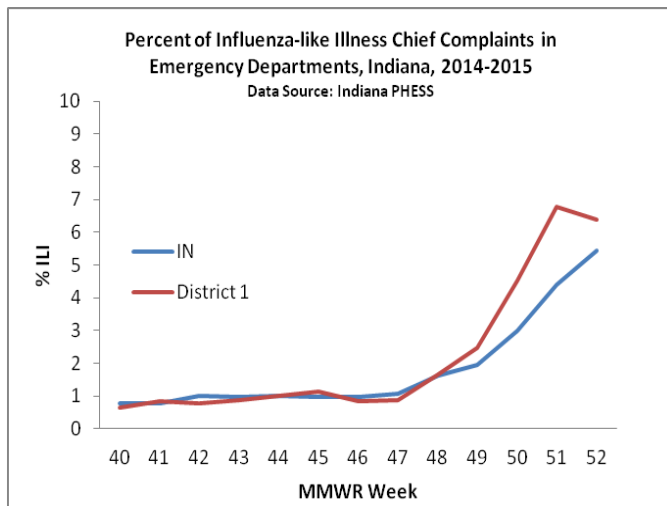


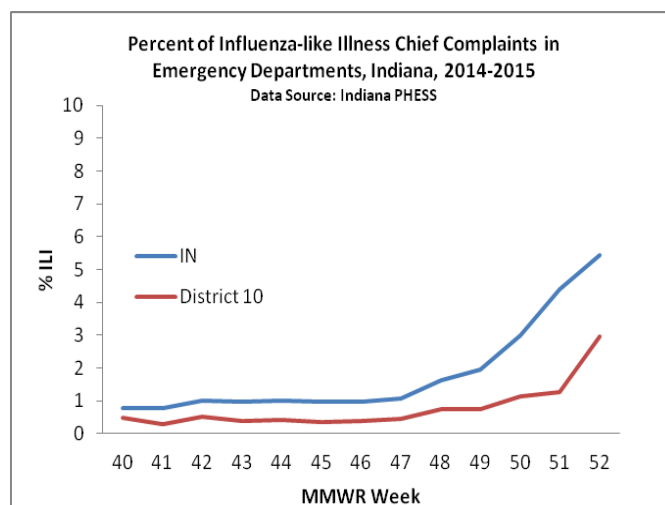
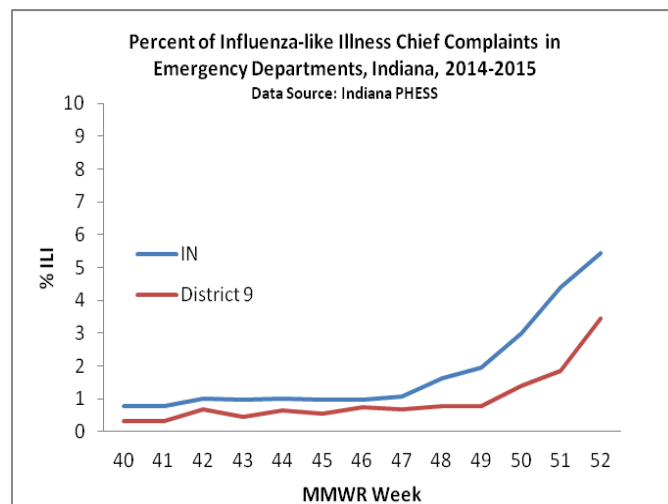
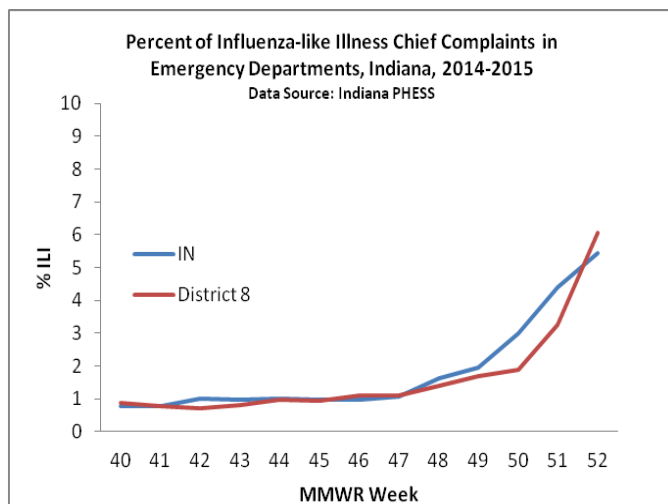
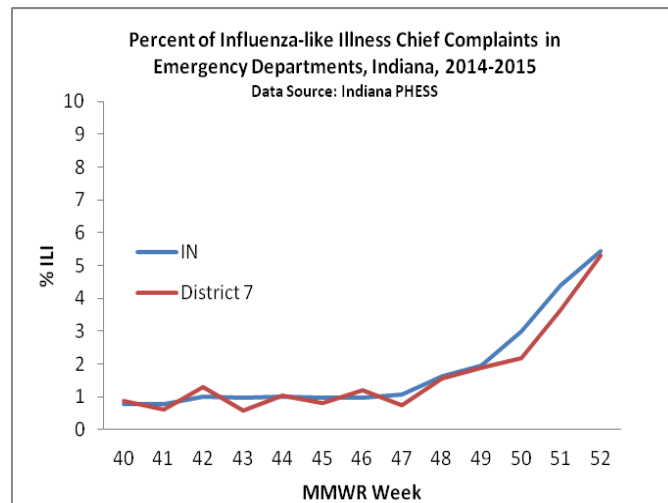
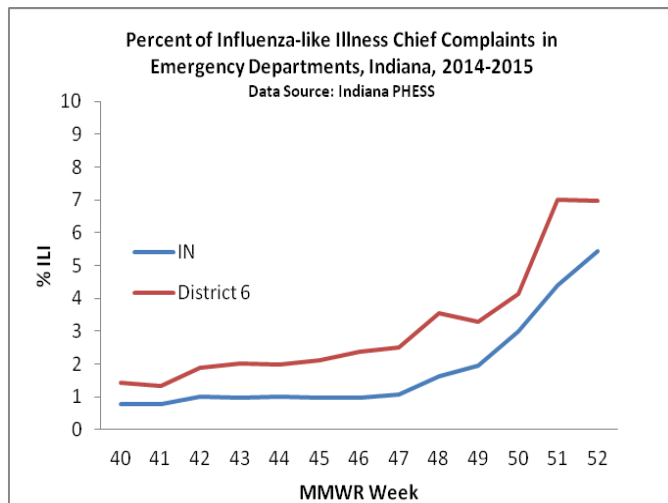
**Data obtained from the Indiana Public Health Emergency Surveillance System.*



**Data obtained from the ISDH Sentinel Influenza Surveillance System.*

Number of sites reporting as of 12/31/14 = 26





*ISDH Laboratory data regarding circulating influenza viruses – Indiana, 2014-2015 influenza season.**

PCR Result	Week 52		2014 total	
	Number	Percent of specimens received	Number	Percent of specimens received
2009 A/H1N1pdm virus	0	0%	0	0%
Influenza A/H3 seasonal virus	39	84.8%	423	71.7%
Influenza A/H1 seasonal virus	0	0%	0	0%
Influenza B seasonal virus	1	2.2%	7	1.2%
Influenza negative	6	13.0%	138	23.4%
Inconclusive	0	0%	0	0%
Unsatisfactory specimen†	0	0%	22	3.7%
Influenza Co-infection^Δ	0	0%	0	0%
Total	46	100%	590	100%

^Δ All previous-year co-infections have been influenza A/H3 and influenza B.

*Data obtained from the ISDH Laboratory via specimens submitted from the ISDH Sentinel Influenza Surveillance System and IN Sentinel Laboratories.

†Unsatisfactory specimens include specimens that leaked in transit, were too long in transit, or were inappropriately labeled.

OTHER CIRCULATING VIRUSES RECENTLY IDENTIFIED BY THE ISDH LABORATORY:

Other Respiratory Viruses	Week 52	2014 Total (Since Oct. 1, 2014)	Early Surveillance (Sept 1-30, 2014)
Adenovirus	1	8	0
Coronavirus 229E	0	0	0
Coronavirus HKU1	0	0	0
Coronavirus NL63	0	0	0
Coronavirus OC43	0	1	0
Enterovirus NOS	0	10	0
Enterovirus/Rhinovirus	0	12	188¹
Human Metapneumovirus	0	0	0
Parainfluenza 1 Virus	0	0	0
Parainfluenza 2 Virus	4	13	0
Parainfluenza 3 Virus	1	9	0
Parainfluenza 4 Virus	0	0	0
Rhinovirus	0	0	0
Respiratory Syncytial Virus	2	5	0
Total	8	58	188

¹Some specimens were tested outside of ISDH Laboratory

